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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of: | Robert E. Wagner JR. | | |
| Serial No.: | 10/078,278 | Group Art Unit: | 1634 |
| Filed: | February 20, 2002 | Examiner: | Bausch, S |
| For: | MUTATION DETECTION USING MutS and RecA | Attorney Docket: | 007274-01 |

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence, along with any other document referred to as being attached or enclosed, is being filed via facsimile to facsimile number 1-571-273-8300 addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dec 26, 2006
Date

Marilyn J. Morris
Marilyn J. Morris

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE AFTER FINAL REJECTION
37 C.F.R. 1.116**

Dear Sir:

This Amendment and Response is filed in response to the final Office Action mailed from the USPTO July 26, 2006. Applicant respectfully requests a two-month extension of time to extend the time for responding to the final office action from October 26, 2006 to December 26, 2006. In the event that an additional fee is deemed necessary or overpayment due in connection with this response, the undersigned authorizes the charge to be applied to Deposit Account No. 50-2679.

Amendments to the claims begin on page 2.

Remarks begin on page 7.

Please reconsider the Application as follows:

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